



# Central Bureau Report

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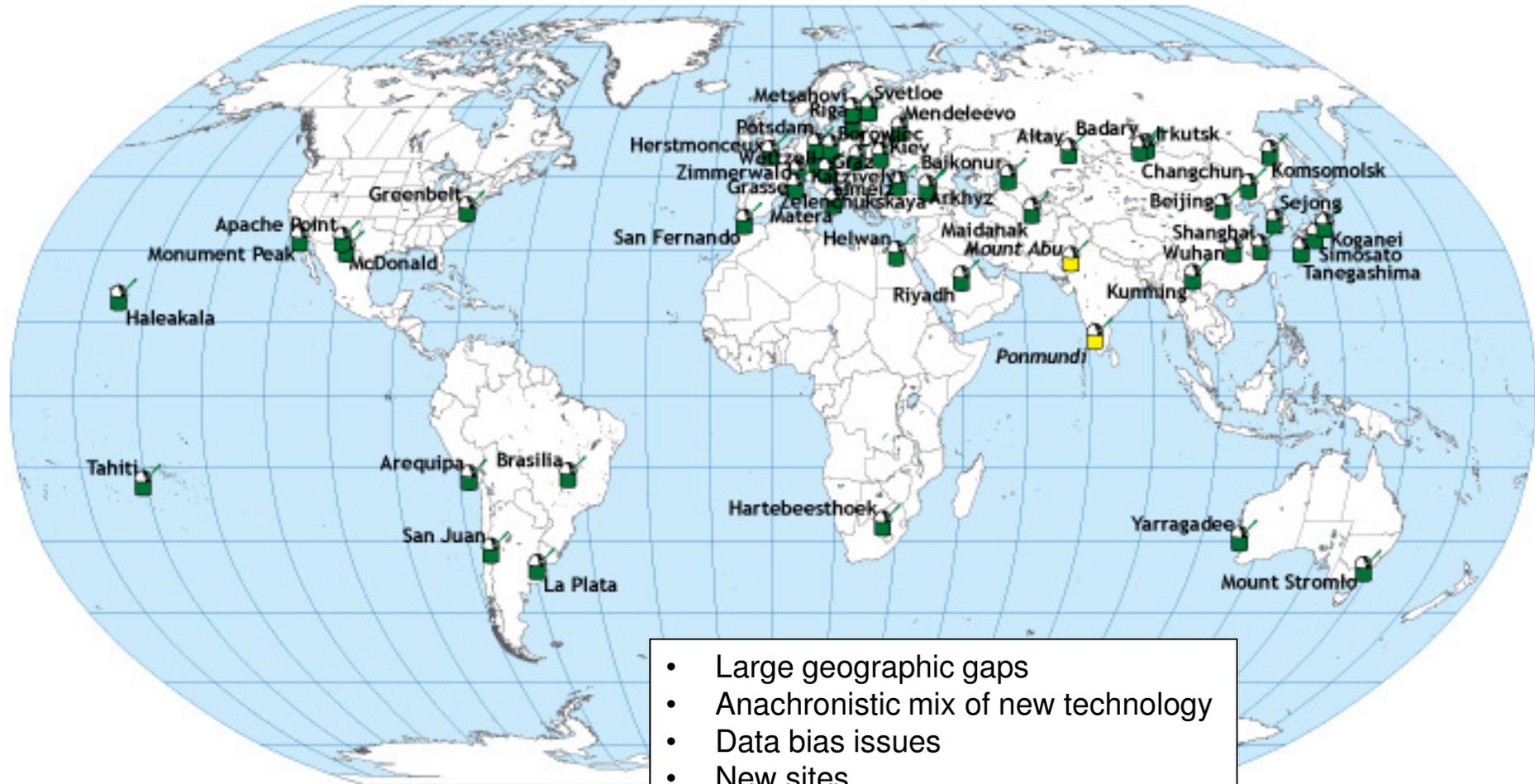
ILRS Governing Board Meeting

2015 ILRS Technical Workshop

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# ILRS Network



- Large geographic gaps
- Anachronistic mix of new technology
- Data bias issues
- New sites
- New technology being deployed



## Looking Forward

- Laser Ranging activity are increasing:
  - many more GNSS satellites, more intensive tracking, more applications, more customers, etc.
- We need to increase productivity:
  - Stress kilohertz ranging;
  - More daylight ranging;
  - More hours of operation ( -> 24/7)
  - More care about our data and data products
- Improved and more timely reporting; stations **MUST REPORT SYSTEM AND CONFIGURATION CHANGES** immediately;
- Need to seek more partnerships in uncovered regions
  - Russians, NASA, Chinese, BKG already doing it
- Consider different priorities for different stations in crowded regions;
- Maybe we need to be more selective about the missions that we support;



# System Bias Actions

- Analysis Issues
  - Update the range bias model for the data to date (Pilot Project planned by the AWG)
  - Implement an improved diagnostic procedure (maybe based on the methods presented at the sessions)
- Station Issues
  - Prepare and distribute to the stations the results that were presented at the Systems Biases Sessions with explanations and suggestions for inquiry (Appleby/Mueller/Otsubo with the CB);
  - Provide the stations with a first set of improved diagnostic tools/procedures (Varghese and Kirchner with the CB)
- Communication Issues with the stations
  - Assess where we stand on the feedback, report, and responsiveness from each station
  - Define steps for better, timely communications with the stations